

PA-IDC

QUERY CONTROL FORM		RT/S USE ONLY	
Application No. <u>09/501,033</u>	Prepared by <u>NAB</u>	Tracking Number <u>05900374</u>	
Examiner-GAU <u>NGUYEN-2829</u>	Date <u>4/7/04</u>	Week Date <u>2/2/04</u>	
	No. of queries <u>1</u>	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<p>In Claim sets (CLMPTD dated 10-08-02), original claim 57 (now claim 56) ends incomplete. (See attached).</p> <p>Please advise/provide missing data.</p> <p>Thank you</p>
b. Text Continuity	
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
initials <u>AMH</u>	
CLAIMS	RESPONSE <u>Complete claim 57 attached</u>
a. Claim(s) Missing	<u>Found rest of claim in CLM of 10/8/02.</u>
b. Improper Dependency	<u>-def</u>
c. Duplicate Numbers	
d. Incorrect Numbering	
e. Index Disagrees	
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
initials	

57. (Four Times Amended) A system for electrically coupling a semiconductive device to an electrical apparatus, the system comprising:

an interposer, the interposer comprising:

a substantially homogeneous, substantially planar sheet having an outermost surface and composed of an electrically insulating material selected from the group consisting of oxides of silicon, silicate glass, and nucleated, substantially crystalline glass, and mixtures and derivatives thereof, said sheet being configured for receiving thereon a semiconductive device such that said semiconductive device lies at least in part on said outermost surface and is unimbedded into said substrate; and

an electrical conductor on the sheet, the electrical conductor having a receiving end for connecting to the semiconductive device at electrically conductive terminals of said semiconductive device and a terminal end for connecting to the electrical apparatus, such that the semiconductive device is electrically coupled to the electrical apparatus when the semiconductive device is connected to the receiving end of the electrical conductor and the terminal end of the electrical conductor is connected to the electrical apparatus, wherein at least some of said terminals are located in the region between said semiconductive device and said outermost surface of said substrate; and

a connector for holding the semiconductive device stationary relative to the interposer, wherein said connector is in contact engagement with said semiconductive device and with said sheet, wherein said contact engagement is effectuated through direct contact between the connector with the semiconductor device or through an adhesive in contact with said connector.